

Bone-Adaptive Surface Structure

ABSTRACT OF THE DISCLOSURE

The invention concerns bone-adaptive surface structures for lateral jaw implants. Micromechanical and/or macromechanical surface structures having various body forms are incorporated into selected segments of the surface of the base and of the bar that connects the threaded piece with the base to accelerate the healing process after the implant is inserted into the jaw bone and to make a critical improvement in holding the implant firmly in place without rotation.